



Biological Monitoring Initiative 2022 - Wilmington, North Carolina.

ABOUT OUR AGENCY

The NC Department of Environmental Quality (DEQ) is the lead stewardship agency for the protection of North Carolina's environmental resources. The organization, administers regulatory programs designed to protect air quality, water quality, and the public's health, and also works to advance an all-of-the-above energy strategy that fits North Carolina's needs. DEQ also offers technical assistance to businesses, farmers, local governments, and the public and encourages responsible behavior with respect to the environment through education programs provided at DEQ facilities and through the state's school system. As new technologies, processes or industry operations are proposed to be implemented in North Carolina, DEQ regulatory agencies may be requested to examine the collective impact of such projects on the environment and surrounding communities.

ABOUT THE DIVISION

The Division of Coastal Management works to protect, conserve and manage North Carolina's coastal resources through an integrated program of planning, permitting, education and research. DCM carries out the state's Coastal Area Management Act, the Dredge and Fill Law and the federal Coastal Zone Management Act of 1972 in the 20 coastal counties, using rules and policies of the N.C. Coastal Resources Commission, known as the CRC. The division serves as staff to the CRC.

The program will run approximately 10 weeks starting on or around May 16, 2022.

Read more about our agency here: <https://deq.nc.gov/>

JOB DESCRIPTION

The overall project objective is to support sea turtle monitoring and protection efforts at the Masonboro Island Reserve, a component of the NC National Estuarine Research Reserve. The students primary project will be to document and assess light influence from the adjacent mainland. Based on the results of the assessment, the student will also develop an outreach strategy to engage adjacent communities in protection of sea turtles during nesting and hatching by reducing light influences. The student will also gain exposure to monitoring of diamondback terrapins and shorebirds, as well as the use of wildlife cameras to support biological monitoring.

MAJOR DUTIES

- Conducting field surveys to document nesting activity.
- Protection & monitoring of nests.
- Participation in data management.
- Research project design.
- Develop outreach materials.

POSITION QUALIFICATIONS:

- Applicants must be at least 18 years' old
- 2.0 Major GPA
- Graduation date of May/December 2022, rising Junior or senior, or graduate student
- Currently enrolled in undergraduate or graduate program
- Desired Majors: Biology, Marine Biology and Environmental Science.

MANAGEMENT DESIRED QUALIFICATIONS

- Excellent verbal and written communication skills
- Strong interpersonal skills and decision quality
- Collaborative team member with strong initiative and leadership skills
- Proficient in Microsoft Outlook, Suite and Excel
- Experience with using GPS for data collection, biological monitoring, science communication or environmental education and basic GIS for data sharing analysis and mapping.

SPECIAL NOTES

- Housing & Travel allowance is not provided
- Summer hourly rate is \$15.00
- Pay cycle is bi-weekly

- Summer opportunity will be approximately 10 weeks
- Summer opportunity will work up to 40 hours each week

APPLICATION INSTRUCTIONS

- Send resume and cover letter to DEQInternships@ncdenr.gov with **Subject Line: Biological Monitoring Initiative Application**
- **Application deadline of 5/2/2022 5PM (or may remain open until we have suitable applicant pool)**

Important Dates:

- **5/2/22 – Application Deadline (or may remain open until we have a suitable applicant pool)**
- **5/2/22 – Resumes will be forward to Hiring Managers**
- **5/2/22 – 5/9/22 – Interviews (schedules permitting)**
- **5/16/22 – 7/22/22 – STEP Assignment Dates (approximate start/ end dates, flexible)**

QUESTIONS? Please contact NC Department of Environmental Quality, HR

DEQInternships@ncdenr.gov